MAGEWELL

Pro Convert for NDI to HDMI Module Technical Specifications

Specifications are based on current hardware, firmware and software revisions, and are subject to change without notice.

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Interfaces

- 1* RJ45 1000Mbps Ethernet port
- 1* USB Type-C port for configuration
- 1* USB Type-A 3.0 port for connecting peripherals
- 1* HDMI 2.0 output port
- 1* Modator interface for connecting to Modator 2U (hot-swappable)

Decoding Features

- Decode up to 2Kp60 streams of Full NDI® , NDI® |HX, NDI® |HX2, NDI® |HX3, RTSP, HTTP, HLS, RTMP Pull/Push, MPEG-TS over UDP/SRT/RTP, TVU protocols
- Decode H.264/H.265 video
- Decode AAC/MP3 audio
- Supports NDI® 6.0

Output Features

- Max. output: 4096x2160 60fps 4:4:4 8-bit
- Deliver video at the preferred video format according to the EDID of the connected monitor. Supported output formats include:
  - 4096x2160p/3840x2160p 23.98/24/25/29.97/30/50/59.94/60
  - 2560x1440p 60/100
  - 2560x1080p 23.98/24/25/29.97/30/50/59.94/60
  - 1920x1080p 23.98/24/25/29.97/30/50/59.94/60/100/119.88/120
  - 1920x1080i 50/59.94/60
  - 1280x720p 23.98/24/25/29.97/30/50/59.94/60
  - 720x576p50
  - 720x576i50
  - 720x480p59.94/60
  - 720x480i59.94/60
- Supports RGB, YUV444, and YUV422 signals
- Supports 48KHz 8-channel audio output

Web UI

- Register with Magewell Control Hub for remote centralized management
- Supports configuring and managing via Web UI
- Provides comprehensive information regarding the device and decoded signals in real-time
- Allow to configure how a signal is decoded and output, including OSD settings, deinterlacing, resolutions, audio gain, sample rate, and channel mapping, as well as the network connection
- Supports updating firmware
- Supports USB RNDIS/ECM
- Supports IE/Edge/Firefox/Chrome/Safari/Opera web browsers
- Provides HTTP APIs

LED Indicators

- Decode status indicator

- On: decoding
- Blinks: decoding error
- Off: source unselected

Physical Specifications

- Form factor: 184.4mm (L) x 30.0mm (W) x 81.5mm (H)
- Weight: ≈290g

Power Consumption

- Max power consumption: 4.3W

Working Environment

- Operating temperature: –10 to 45 deg C
- Storage temperature: –20 to 70 deg C
- Relative humidity: 5% to 90% non-condensing